



Patent  
Attorney's Docket No. 015290-546

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
David J. COOPERBERG et al. ) Group Art Unit: 1763  
Application No.: 10/024,208 ) Examiner: L. L. Alejandro Mulero  
Filed: December 21, 2001 ) Confirmation No.: 9076  
For: TUNABLE MULTI-ZONE GAS )  
INJECTION SYSTEM )

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MAY 11 2003

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: May 7, 2003

By: Peter K. Skiff  
Peter K. Skiff  
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TO L. L. ALEJANDRO MULERO  
RECEIVED

**SECOND**  
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit a copy of the Notification of Transmittal of the International Search Report or the Declaration dated April 23, 2003 for a corresponding application. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents not previously cited is enclosed.

U.S. Patent No. 6,294,466 to Chang, issued September 25, 2001;  
U.S. Patent No. 5,522,936 to Takahiro, issued June 4, 1996;  
U.S. Patent No. 5,134,965 to Toru et al., issued August 4, 1992;  
International Application No. WO 01/37317, published May 25, 2001;  
Patent Abstracts of Japan Publication No. 59150417, published August 28, 1984, Vol. 008, No. 285 (E-287); and  
Notification of Transmittal of the International Search Report or the Declaration for PCT/US02/32057 dated April 23, 2003.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than 30 (thirty) days prior to the filing of this Information Disclosure Statement.

Information Disclosure Statement Transmittal Letter

Application No. 10/024,208

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Page 2

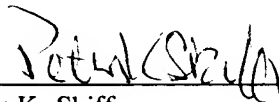
To assist the Examiner, the document is listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: May 7, 2003

By: \_\_\_\_\_

  
Peter K. Skiff

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